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(21) International Application Number: PCT/US99/15916 (22) International Filing Date: 14 July 1999 (14.07.99) (30) Priority Data: 60/092,869 15 July 1998 (15.07.98) US (71) Applicant (for all designated States except US): E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): FALCO, Saverio, Carl [US/US]; 1902 Millers Road, Arden, DE 19810 (US). FOMODU, Layo, O. [US/US]; 216 Barrett Run Plaza, Newark, DE 19702 (US). (74) Agent: MAJARIAN, William, R.; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).		(81) Designated States: AE, AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: TETRAHYDROFOLATE METABOLISM ENZYMES (57) Abstract <p>This invention relates to an isolated nucleic acid fragment encoding a tetrahydrofolate metabolism enzyme. The invention also relates to the construction of a chimeric gene encoding all or a portion of the tetrahydrofolate metabolism enzyme, in sense or antisense orientation, wherein expression of the chimeric gene results in production of altered levels of the tetrahydrofolate metabolism enzyme in a transformed host cell.</p>		